

### ABSTRACT

The present invention is directed to a wireless communication apparatus provided at various electronic equipments having wireless communication function, and performs, by a system control unit (6), in accordance with communication band used, a control to select plural communication circuits (4), (5) having communication bands different from each other, which are connected to a wireless communication antenna (1) including plural antenna element patterns connected through switches formed on an antenna board, and having plural resonance frequencies selected by switching connecting state of the antenna element patterns by the switch, and to select resonance frequency of the wireless communication antenna.